DETARC/ARES ECHOLINK PROCEDURE

1. **Background.**

Ham Radio Echolink is a Voice Over Internet Protocol (VOIP) capability allowing linking from computers, tablets, and smart cell phones to link to certain Echolink enabled Ham Repeaters. An Echolink APP can be downloaded from the Echolink homepage http://www.echolink.org/ and loaded on your device. This APP includes the capability to select from a list of Echolink enabled repeaters around the world.

All users of Echolink must be licensed Amateur Radio operators who register their call signs with the Echolink System. See-- http://www.echolink.org/validation/

2. **Set Up.**

To set up Echolink on your device, download and select the APP, select Settings and input your appropriate information for call sign, location, the alert sounds you want activated, etc.

   a. Activate the Echolink APP, sign in to the system with your call sign creating an Echolink password.
   b. Sign in to the Echolink Audio Test server by touching the double human head icon and selecting Test Server. Test your transmit audio on the test server. Adjust your transmit audio (microphone) level in your settings so your transmit audio sounds roughly the same level as the voice from the test server.
   c. Now press the Locations Icon to start your search for an Echolink repeater in the area you desire to talk with.

3. **Operation.**

Remember, with all Internet linked systems you need to leave a pause between transmissions to allow systems to reset timers or others stations to join in, and also wait a second after keying before speaking to keep from cutting off the first syllable of your transmission.

All Amateur Radio rules apply. You must ID every 10 minutes.

To use the Echolink APP, simply select the APP on your device, select the double head icon if needed, select the Locations Icon, select the geographic call area you are interested in, (North America for example), select the Country (United States), select the call area (area 5), select the repeater call you want to link to (locally K5KRK-R in Lufkin).

> Select Connect, the repeater announces your call and "connected". You are ready for a contact.

> Typically, you just tap the device screen to toggle transmit on and off. On computers there may be a computer key or hot spot on the screen to click on.

> Put out a call announcing your desire to have a contact.

> When through using Echolink, announce that you are Clear and tap End to disconnect from the repeater. Repeater announces "disconnected".

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